

Title (en)
ALL ELECTRIC ARCHITECTURE TRUCK UNIT

Title (de)
LASTWAGENEINHEIT MIT ELEKTRISCHER ARCHITEKTUR

Title (fr)
UNITÉ DE CAMION À ARCHITECTURE TOUT ÉLECTRIQUE

Publication
EP 3271198 B1 20210616 (EN)

Application
EP 15742387 A 20150319

Priority
IB 2015000540 W 20150319

Abstract (en)
[origin: WO2016147022A1] A transport refrigeration unit (30) configured to refrigerate a cargo space (26) of a vehicle in which a perishable product is stored during transport is provided including a compressor (42) having an electric compressor drive motor (58) disposed therein for operating the compressor (42). A heat rejection heat exchanger (44) and a heat absorption heat exchanger (48) are fluidly coupled to the compressor (42). At least one fan assembly (50, 54) has at least one fan that is configured to provide an air flow over at least one of the heat rejection heat exchanger (44) and the heat absorption heat exchanger (48). The transport refrigeration unit (30) is configured to operate in a first mode and a second mode. At least one onboard power source (70) is configured to produce sufficient power to operate the compressor drive motor (58) and the at least one fan (50, 54) in the first mode. An external power source (84) is configured to produce sufficient power to operate the compressor drive motor (58) and the at least one fan (50, 54) in the second mode.

IPC 8 full level
B60H 1/00 (2006.01); **F25B 27/00** (2006.01); **F25D 19/00** (2006.01)

CPC (source: CN EP US)
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